

WHAT IS CLAIMED IS:

1. A receiver device comprising:

a plurality of antennas having different antenna gains;

an antenna switching device for selecting one of

5 reception signals received by the plurality of antennas, and
supplying the selected reception signal to a signal processor
arranged subsequent to the antenna switching device;

a detector for detecting the level of a reception
signal from each antenna;

10 a controller for controlling the antenna switching
device for selecting a reception signal having a lower level
than a maximum input level of the signal processor, in
accordance with detection result from the detector.

15 2. A receiver device according to claim 1, wherein the
controller has a judger for judging a reception state of each
antenna; and

when there are a plurality of antennas capable of
receiving signals without any troubles, the antenna switching
20 device is controlled so as to select a reception signal from
an antenna having a low antenna gain.

3. A receiver device according to claim 1,

wherein the plurality of antennas are located close to
25 one another,

wherein the controller operates to control the antenna
switching device, in a manner such that once the level of a

reception signal supplied to the signal processor approaches a maximum input level of the signal processor, an antenna having a lower antenna gain than that of an antenna being selected is selected.

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4. A receiver device according to claim 1, wherein the controller operates to control the antenna switching device, in a manner such that once the level of a reception signal supplied to the signal processor becomes lower than a

10 predetermined level, an antenna having a higher antenna gain than that of an antenna being selected is selected.

5. A receiver device according to claim 1, wherein the controller operates to control the antenna switching device, in a manner such that once a reception signal of each antenna becomes lower than a predetermined level, a reception signal from an antenna having a high antenna gain is selected, and that when there are plurality of reception signals having a higher level than the predetermined level, a reception signal

20 from an antenna having a low antenna gain is selected.

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